



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Rong-Chang Liang, *et al.*

Appl. No. 10/718,990

Filed: November 21, 2003

For: TRANSMISSIVE OR REFLECTIVE
LIQUID CRYSTAL DISPLAY AND
NOVEL PROCESS FOR ITS
MANUFACTURE

Art Unit: 1712

Examiner: Not Yet Assigned

Atty. Docket: 07783.0013.NPUS00

Confirmation No.: 9111

Information Disclosure Statement

MS AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited by or submitted

to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120.
1138 OG 37, 38 (May 19, 1992).

Applicants have checked the appropriate boxes below.

- 1. This Information Disclosure Statement is being filed;
 - ☐ a. Within three months of the U.S. filing date of a national application other than a continued prosecution application under §1.53(d);
 - ☐ b. Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
 - c. Before the mailing date of a first Office Action on the merits;
 - ☐ d. Before the mailing of a first Office Action after filing of a request for continued examination under § 1.115.

No statement under 37 C.F.R. § 1.97(e) or fee is required.

or;

- ☐ 2. This Information Disclosure Statement is being filed after the period specified in paragraph 1(a)-1(d) above, but before the mailing date of a Final Rejection or Notice of Allowance, or action that otherwise closes prosecution in the application, and
 - ☐ a. I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1), or
 - ☐ b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2), or
 - ☐ c. Attached is our Check No. _____ in the amount of \$ _____ in payment of the fee under 37 C.F.R. § 1.17(p).

- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but on or before payment of the Issue Fee. Attached is our Check No. _____ in the amount of \$ _____ in payment of the fee under 37 C.F.R. § 1.17(i), and
- ☐ a. I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1), or
- ☐ b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 4. Relevance of the non-English language document(s) is discussed in the present specification.
- ☐ 5. The document(s) was/were cited in a corresponding foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☐ 6. A concise explanation of the relevance of the non-English language document(s) appears below:
- ☐ 7. The Examiner's attention is directed to co-pending U.S. Patent Application No. _____, filed _____, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.
- ☐ 8. Copies of the documents were cited by or submitted to the Office in Application No. _____, filed _____, which is relied upon for an earlier filing date under 35

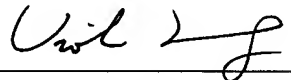
U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R.
§ 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 07783.0013.NPUS00.

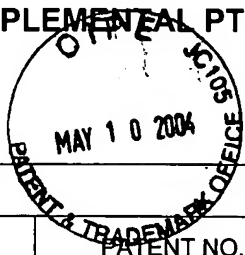
Respectfully submitted,

Date: May 10, 2004



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INFORMATION DISCLOSURE CITATION SUPPLEMENTAL PTO-1449			ATTY. DOCKET NO.		SERIAL NO.	
			07783.0013.NPUS00		10/718,990	
			APPLICANT : Rong-Chang Liang, et al.			
			FILING DATE		GROUP	
			11/21/2003		1712	
U.S. PATENT DOCUMENTS						
EX'R INITIAL	PATENT NO.	DATE MM-YYYY	NAME	CLASS	SUBCLASS	FILING DATE
	09/759,212 (WO 02/056097)	11-2001 (07-2002)	Liang, et al			
	US 2002-75556 (09/942,532)	06-2002 (08-2001)	Liang, et al			
	USSN 09/518,488	Filed 03/03/2000	Liang et al			
	USSN 10/444,760	Filed 05/23/2003	Liang et al			
	USSN 10/388,890	Filed 03/14/2003	Liang et al			
	USSN 10/372,027	Filed 02/21/2003	Liang et al			
	USSN 10/351,460	Filed 01/24/2003	Liang et al			
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EX'R INITIAL	PATENT NO.	DATE MM-YYYY	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	CA 2,340,683	Nat'l Entry 2/14/2001	Canada (Schmidt, F. G.)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	DE 199 27 359.6	Pub. Date 12/21/00	Germany ¹ (Schmidt, F. G.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	EP 0 990 942	Pub Date 04/05/2000	Europe (Yamanaka)			<input type="checkbox"/>	<input type="checkbox"/>
	EP 1 065 553	Pub Date 01/03/2001	Europe (Ogawa)			<input type="checkbox"/>	<input type="checkbox"/>
	EP 1 089 118	Apr 2001	EPO			<input type="checkbox"/>	<input type="checkbox"/>
	EP 1 195 603	Pub Date 04/10/2002	Europe (Kawai)			<input type="checkbox"/>	<input type="checkbox"/>
	JP 6242423	Pub Date 09/02/1994	Japan (Nakai Yuichi) (English abstract included)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	JP 64-86116	Pub Date 03/30/1989	Japan (Osamu et al) (English abstract included)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	JP 60-205452	Pub Date 10/17/1985	Japan (Hisanori) (English abstract included)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	JP 2001 056653	Pub Date 02/27/2001	Japan (Hayakawa) (English abstract included)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	JP 02284126	Pub Date 11/21/1990	Japan (Oshiro) (English abstract included)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	JP 59171930	Sep 1984	Japan (English abstract included)			<input type="checkbox"/>	<input type="checkbox"/>
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	JP 57104116	Jun 1982	Japan (English abstract included)			<input type="checkbox"/>	<input type="checkbox"/>
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	WO 99/56171	Nov 1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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	WO 00/36649	Jun 2000	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	WO 00/60410	Oct 2000	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	WO 00/77571	Pub Date 12/21/00	PCT ¹ (Schmidt, F. G.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	WO 02/01281	Pub Date 01/03/2002	PCT (Liang et al.)			<input type="checkbox"/>	<input type="checkbox"/>
	WO 02/56097	Pub Date Jul 2002	PCT (erroneously identified as WO 02/56079 on page 3 of Spec.)			<input type="checkbox"/>	<input type="checkbox"/>
	WO 02/65215	Aug 2002	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	WO 03/19280	Mar 2003	PCT			<input type="checkbox"/>	<input type="checkbox"/>

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EXAMINER:**DATE CONSIDERED:**

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

*If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).